

Application No. 10/826,754
Amendment dated January 10, 2005
Reply to Office action of December 10, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

CLAIMS:

Please amend claim 1, and cancel claims 3-5 without prejudice or disclaimer, as follows:

1. (Currently Amended) An electronic device comprising:

an altimeter comprising a barometric pressure sensor and operable to determine a first altitude of the electronic device;
a GPS unit operable to determine a second altitude of the electronic device; and
a housing for housing said altimeter and said GPS unit, wherein said device is
operable to calibrate said altimeter while said device is in motion, and
wherein calibration of the altimeter accounts for any dynamic changes of the
altitude as determined by the altimeter and the altitude as determined by the
GPS unit when the altimeter and GPS unit are moved in tandem.

2. (Original) The electronic device as set forth in claim 1, wherein the device continuously calibrates the altimeter.

3-5. (Canceled)

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6. (Original) The electronic device as set forth in claim 1, wherein the housing is portable and handheld.

7. (Previously Presented) An electronic device comprising:

an altimeter for determining a first altitude of the electronic device;
a GPS receiver for receiving satellite signals from a plurality of satellites; and
a processor coupled with the GPS receiver and the altimeter for calculating a location of the electronic device as a function of the satellite signals, the location including a second altitude reading of the electronic device, such that the processor is operable to calibrate the altimeter while the electronic device is in motion by accounting for dynamic changes between the first and the second altitude readings.

8. (Previously Presented) The electronic device as set forth in claim 7, wherein the device continuously calibrates the altimeter.

9. (Previously Presented) The electronic device as set forth in claim 8, wherein the altimeter includes a barometric pressure sensor.

No new matter has been added as a result of these changes.